

TABLE OF CONTENTS
LOWER DUWAMISH WATERWAY - Terminal 117 Upland Time-Critical Removal AR (LTUAR)

November 20, 2006

0.0 - TABLE OF CONTENTS/INDEX

1.0 - PRE-REMEDIAL ACTIVITY

1.2 - Related Reports

4.0 - INTERIM REMEDIAL/REMOVAL ACTIONS

4.5 - Terminal 117 Upland Investigation

4.5.1 - Correspondence

4.5.2 - Notes/E-mail

4.5.4 - Decision Documents

4.5.5 - Work Plans/Sampling Plans

4.5.5.1 - Comments

4.5.6 - Reports

4.5.6.1 - Comments

HEADING: 0. 0...

TABLE OF CONTENTS/INDEX

HEADING: 1. 0... PRE-REMEDIAL ACTIVITY

SUB-HEAD: 1. 2... Vol. 1 - Related Reports

1. 2... Vol. 1 -	DOC ID: 1200975	IMAGED
DATE: 10/31/1995	PAGES: 23	
AUTHOR(S): Jeffry Rodin/EPA	ADDRESSEE(S): Randall F. Smith/EPA	

DESCRIPTION: Request for a Removal Action at Malarkey Asphalt.

1. 2... Vol. 1 -	DOC ID: 1241005	IMAGED
DATE: 9/24/1999	PAGES: 33	
AUTHOR(S): Onsite Enterprises, Inc.	ADDRESSEE(S): Port of Seattle	

DESCRIPTION: Final Remedial Action Work Plan - Malarkey Asphalt Site.

HEADING: 4. 0... INTERIM REMEDIAL/REMOVAL ACTIONS

SUB-HEAD: 4. 5... Vol. 1 - Terminal 117 Upland Investigation

SUB-HEAD: 4. 5. 1.. Vol. 1 - Correspondence

4. 5. 1.. Vol. 1 - DOC ID: 1221293 IMAGED
DATE: 11/1/2005 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle
Anita W. Lovely/Lovely Consulting, Inc.

DESCRIPTION: Terminal 117 Upland Investigation Workplan Approval (date is approximate).

4. 5. 1.. Vol. 1 - DOC ID: 1225961 IMAGED
DATE: 5/23/2006 PAGES: 5
AUTHOR(S): ADDRESSEE(S):
Charles Sheldon/Port of Seattle M. R. Dinsmore/Port of Seattle
Wayne Grotheer/Port of Seattle

DESCRIPTION: Port of Seattle Commission Agenda (re authorization of T117 Upland Time-Critical Removal Action).

4. 5. 1.. Vol. 1 - DOC ID: 1225928 IMAGED
DATE: 5/25/2006 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Jean Godden/City of Seattle Council Ravi N. Sanga/EPA
David Della/City of Seattle Council
Jan Drago/City of Seattle Council
Richard Conlin/City of Seattle Council
Sally Clark/City of Seattle Council

DESCRIPTION: Letter providing comments on draft cleanup plan for the Port's Terminal 117 upland property on the Duwamish River.

(LTUAR) LOWER DUWAMISH WATERWAY - Terminal 117 Upland Time-Critical Removal AR INDEX

4. 5. 1.. Vol. 1 - DOC ID: 1244012 IMAGED
DATE: 9/29/2006 PAGES: 8
AUTHOR(S): ADDRESSSEE(S):
Anita W. Lovely/Lovely Consulting, Inc. Michael J. Szerlog/EPA

DESCRIPTION: Letter regarding Terminal 117 Time Critical Removal Action, Final Removal Action Work Plan Addendum, Quality Assurance Project Plan Sample Alteration, Administrative Settlement and Order On Consent for Removal Action, with attached Memorandum.

Memorandum is titled Addendum to TCRA Work Plan-Stormwater Testing and Discharge Procedures.

4. 5. 1.. Vol. 1 - DOC ID: 1244013 IMAGED
DATE: 10/5/2006 PAGES: 4
AUTHOR(S): ADDRESSSEE(S):
Winston Chen/RETEC Michael J. Szerlog/EPA

DESCRIPTION: Memorandum regarding the Terminal 117 TCRA and Additional Removal of Buried Metal and Tar Material in Bank Area.

SUB-HEAD: 4. 5. 2.. Vol. 1 - Notes/E-mail

4. 5. 2.. Vol. 1 - DOC ID: 1226154 IMAGED
DATE: 1/17/2006 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Kymberly C. Takasaki/U. S. Army Corps of Engineers File

DESCRIPTION: Daily Oversight Report: T117 Site Investigation.

4. 5. 2.. Vol. 1 - DOC ID: 1226155 IMAGED
DATE: 1/19/2006 PAGES: 2
AUTHOR(S): ADDRESSSEE(S):
Kymberly C. Takasaki/U. S. Army Corps of Engineers File

DESCRIPTION: Daily Oversight Report: T117 Site Investigation.

4. 5. 2.. Vol. 1 - DOC ID: 1226162 IMAGED
DATE: 1/23/2006 PAGES: 4
AUTHOR(S): ADDRESSSEE(S):
Emile Pitre/U. S. Army Corps of Engineers File

DESCRIPTION: Daily Oversight Report: T117 Site Investigation.

4. 5. 2.. Vol. 1 - DOC ID: 1226163 IMAGED
DATE: 1/24/2006 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Warren Hansen/Windward Environmental, LLC. Ravi N. Sanga/EPA

(LTUAR) LOWER DUWAMISH WATERWAY - Terminal 117 Upland Time-Critical Removal AR INDEX

DESCRIPTION:

Terminal 117 Upland Investigation: Daily Field Work Update, 1/20/06.

4. 5. 2.. Vol. 1 - DOC ID: 1226164 IMAGED
DATE: 1/24/2006 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Warren Hansen/Windward Environmental, LLC. Ravi N. Sanga/EPA

DESCRIPTION:

Terminal 117 Upland Investigation: Daily Field Work Update.

4. 5. 2.. Vol. 1 - DOC ID: 1232133 IMAGED
DATE: 1/24/2006 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Warren Hansen/Windward Environmental, LLC. Ravi N. Sanga/EPA

DESCRIPTION:

Terminal 117 Upland Investigation daily field work update for 1/20/06.

4. 5. 2.. Vol. 1 - DOC ID: 1225952 IMAGED
DATE: 5/24/2006 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
B. J. Cummings/Duamish River Cleanup Coalition Ravi N. Sanga/EPA

DESCRIPTION:

Email providing comments on the Proposed Cleanup by the Port at Malarkey Site.

4. 5. 2.. Vol. 1 - DOC ID: 1235743 IMAGED
DATE: 8/28/2006 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Sheila M. Eckman/EPA Ravi N. Sanga/EPA

DESCRIPTION:

Email regarding Terminal 117 and Groundwater Monitoring Well Abandonment.

4. 5. 2.. Vol. 1 - DOC ID: 1244015 IMAGED
DATE: 9/25/2006 PAGES: 5
AUTHOR(S): ADDRESSEE(S):
Michael J. Szerlog/EPA Anita W. Lovely/Lovely Consulting, Inc.

DESCRIPTION:

Email approving the Work Plan Addendum and requesting an electronic copy of the document.

4. 5. 2.. Vol. 1 - DOC ID: 1244016 IMAGED
DATE: 10/5/2006 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Michael J. Szerlog/EPA Anita W. Lovely/Lovely Consulting, Inc.

DESCRIPTION:

Email approving the Draft Scope of Work for the Metal/Tar Removal.

SUB-HEAD: 4. 5. 4.. Vol. 1 - Decision Documents

4. 5. 4.. Vol. 1 - DOC ID: 1241001 IMAGED
DATE: 6/15/2006 PAGES: 20
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Daniel D. Opalski/EPA

DESCRIPTION: Action Memorandum for a Time-Critical Removal Action at the Terminal 117 Early Action Area, Lower Duwamish Waterway Superfund Site, Seattle WA.

4. 5. 4.. Vol. 1 - DOC ID: 1235678 IMAGED
DATE: 8/11/2006 PAGES: 48
AUTHOR(S): ADDRESSEE(S):
M. R. Dinsmore/Port of Seattle Unknown

Sheila M. Eckman/EPA

DESCRIPTION: Administrative Settlement Agreement and Order on Consent for Time Critical Removal Action.

4. 5. 4.. Vol. 1 - DOC ID: 1235758 IMAGED
DATE: 9/26/2006 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA File

DESCRIPTION: Memorandum regarding Focused Time-Critical Removal Action at the Terminal 117 Early Action Area Addendum to the Action Memorandum for a Time-Critical Removal Action at the Terminal 117 Early Action Area, Lower Duwamish Waterway Superfund Site, Seattle WA.

SUB-HEAD: 4. 5. 5.. Vol. 1 - Work Plans/Sampling Plans

4. 5. 5.. Vol. 1 - DOC ID: 1221295 IMAGED
DATE: 11/15/2005 PAGES: 16
AUTHOR(S): ADDRESSEE(S):
Dalton Olmsted & Fuglevand, Inc. EPA

Windward Environmental, LLC.

Onsite Enterprises, Inc.

DESCRIPTION: Final Work Plan for Upland Area Investigation.

4. 5. 5.. Vol. 1 - DOC ID: 1244205 IMAGED
DATE: 9/11/2006 PAGES: 248
AUTHOR(S): ADDRESSEE(S):
RETEC Group, Inc. Port of Seattle

(LTUAR) LOWER DUWAMISH WATERWAY - Terminal 117 Upland Time-Critical Removal AR INDEX

DESCRIPTION:

Time-Critical Removal Action Work Plan, RETEC Project Number: PORS5-19078-400.

4. 5. 5.. Vol. 1 -

DATE: 9/11/2006

DOC ID: 1244206 IMAGED

PAGES: 4

AUTHOR(S):

Michael J. Szerlog/EPA

ADDRESSEE(S):

Anita W. Lovely/Lovely Consulting, Inc.

DESCRIPTION:

Letter regarding Terminal 117 Time-Critical Removal Site-EPA approval of Final Removal Action Work Plan, Quality Assurance Project Plan, and Air Quality Monitoring Plan; per Administrative Settlement Agreement and Order on Consent.

U. S. Postal Service Certified Mail Receipt and Domestic Return Receipt attached.

SUB-HEAD: 4. 5. 5. 1. Vol. 1 - Comments

4. 5. 5. 1. Vol. 1 -

DATE: 10/31/2005

DOC ID: 1221296 IMAGED

PAGES: 2

AUTHOR(S):

Richard Thomas/Washington State Dept. of Ecology

ADDRESSEE(S):

Ravi N. Sanga/EPA

DESCRIPTION:

Comments on the T-117 upland area work plan.

4. 5. 5. 1. Vol. 1 -

DATE: 11/3/2005

DOC ID: 1217733 IMAGED

PAGES: 2

AUTHOR(S):

B. J. Cummings/Duamish River Cleanup Coalition

ADDRESSEE(S):

Ravi N. Sanga/EPA

DESCRIPTION:

Comments on draft T-117 Upland Area Investigation Work Plan.

4. 5. 5. 1. Vol. 1 -

DATE: 4/25/2006

DOC ID: 1225954 IMAGED

PAGES: 7

AUTHOR(S):

B. J. Cummings/Duamish River Cleanup Coalition

ADDRESSEE(S):

Ravi N. Sanga/EPA

DESCRIPTION:

Letter regarding the Terminal 117 Upland Site Draft Removal Action Technical Memorandum, Lower Duamish River Superfund Site.

4. 5. 5. 1. Vol. 1 -

DATE: 4/25/2006

DOC ID: 1225955 IMAGED

PAGES: 1

AUTHOR(S):

B. J. Cummings/Duamish River Cleanup Coalition

ADDRESSEE(S):

Ravi N. Sanga/EPA

DESCRIPTION:

Email transmitting the Duamish River Cleanup Coalition comments on the Port's draft Upland Removal Action Tech Memo.

4. 5. 5. 1. Vol. 1 -

DATE: 5/15/2006

DOC ID: 1225956 IMAGED

PAGES: 3

AUTHOR(S):

ADDRESSEE(S):

(LTUAR) LOWER DUWAMISH WATERWAY - Terminal 117 Upland Time-Critical Removal AR INDEX

Washington State Dept. of Ecology

EPA

DESCRIPTION: Comments on Terminal 117 draft Upland Removal Action Plan.

4. 5. 5. 1. Vol. 1 - DOC ID: 1225950 IMAGED
DATE: 5/25/2006 PAGES: 13
AUTHOR(S): ADDRESSEE(S):
B. J. Cummings/Duwamish River Cleanup Coalition Ravi N. Sanga/EPA

DESCRIPTION: Letter providing comments on the T-117 Upland Draft Removal Action Plan.

SUB-HEAD: 4. 5. 6.. Vol. 1 - Reports

4. 5. 6.. Vol. 1 - DOC ID: 1235673 IMAGED
DATE: 7/7/2006 PAGES: 120
AUTHOR(S): ADDRESSEE(S):
Dalton Olmsted & Fuglevand, Inc. EPA

Windward Environmental, LLC.

DESCRIPTION: T-117 Upland Area Soil Investigation Field Sampling and Data Report.

4. 5. 6.. Vol. 1 - DOC ID: 1235674 IMAGED
DATE: 7/7/2006 PAGES: 33
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. EPA

Dalton Olmsted & Fuglevand, Inc.

DESCRIPTION: T-117 Upland Area Soil Investigation Field Sampling and Data Report: Map Folio.

SUB-HEAD: 4. 5. 6. 1. Vol. 1 - Comments

4. 5. 6. 1. Vol. 1 - DOC ID: 1225957 IMAGED
DATE: 3/22/2006 PAGES: 5
AUTHOR(S): ADDRESSEE(S):
Unknown EPA

DESCRIPTION: Response to EPA comments on Terminal 117 Upland Area Soil Investigation Draft Field Sampling and Data Report.